

Test Report

Number: GZHH00320292

Applicant: MAY CHEONG TOY PRODUCTS FTY., LTD
UNIT 901-2, 9/F., EAST OCEAN CENTRE,
98 GRANVILLE ROAD, TSIMSHATSUI EAST,
KOWLOON, HONG KONG

Date: May 01, 2019

Attn: ICY HUANG

Sample Description:

Twenty-two (22) styles of submitted sample said to be :

No.	Item	Description	Color
1	31508	1:24 2015 Ford Mustang GT	Metallic Blue
2	31508	1:24 2015 Ford Mustang GT	Metallic Grey
3	31509	1:24 Lamborghini Huracan LP 610-4	Pearl Yellow
4	31512	1:24 2017 Chevrolet Camaro ZL1	Metallic Blue
5	31516	1:24 2017 Corvette Grand Sport	Metallic Blue
6	31516	1:24 2017 Corvette Grand Sport	Metallic Grey
7	31935	1:25 1948 Ford F-1 Pickup	Red
8	31935	1:25 1948 Ford F-1 Pickup	Semi Dull Grey Blue
9	31943	1:24 1970 Ford Mustang Boss 302	Green
10	31952	1:25 1950 Chevrolet 3100 Pickup	Orange
11	31952	Harley Davidson ~ 1:25 1950 Chevrolet 3100 Pickup	Antique White
12	31974	1:27 HUMVEE	Desert Sand
13	31987	Harley Davidson ~ 1:27 1999 Ford F-350 Super Duty Pickup (Police)	White
14	31996	1:24 BMW Z8	Black
15	32505	Design Exotic ~ 1:24 Mercedes-AMG GT (w/G-Racing rim)	Metallic Flat Grey
16	32507	Harley Davidson ~ 1:26 1955 Buick Century	Flat Black/Flat Orange
17	32510	Design Modern Muscle ~ 1:24 2014 Corvette Stingray (w/Gianelle rim)	Silver
18	32512	Design Authority ~ 1:24 2009 Nissan GT-R (R35)	Black
19	32516	Design Authority ~ 1:24 2015 Corvette Z06	Black
20	32517	Design Outlaws ~ 1:25 1965 Chevrolet El Camino	Flat Black/Red
21	452	Harley Davidson ~ 1:24 2000 FLSTF Fat Boy	Flat Black
22	456	Harley Davidson ~ 1:24 2001 FLSTS Heritage Springer	Orange

To be continued

Approved:




Parco Leung
Technical Supervisor

Approved:



Crystal Huang
Technical Support Assistant Manager



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Sample Description:

Labelled Age Group : "3+", "8+"
Applicant Specified Age : Over 3 years
Grading for Testing :
Packaging Provided by Applicant : Yes
Country of Origin : China

Tests conducted:

As requested by the applicant, refer to attached page(s) for details.

Conclusion:

<u>Tested sample</u>	<u>Standard</u>	<u>Result</u>
Submitted samples	EN71-1:2014+A1:2018 for mechanical and physical properties	Pass
	EN71-2:2011+A1:2014 Flammability test	Pass
Tested component(s) of submitted samples	EN71-3:2013+A3:2018 on migration of certain elements	Pass
	EN71-3:2013+A3:2018 on migration of certain elements & EU 2018/725 amending 2009/48/EC (effective from Nov 18,2019) for chromium (VI) migration	Pass
	Cadmium content requirement in REACH regulation Annex XVII Item 23 (EC) No 1907/2006 and amendment No. 552/2009, 494/2011, 835/2012 and 2016/217	Pass
	Phthalates content requirement in Annex XVII Items 51 & 52 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 (formerly known as Directive 2005/84/EC)	Pass

To be continued

Approved:




Parco Leung
Technical Supervisor

Approved:



Crystal Huang
Technical Support Assistant Manager



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Conclusion:

<u>Tested sample</u>	<u>Standard</u>	<u>Result</u>
Tested component(s) of submitted samples	Phthalates content requirement in Annex XVII Items 51 & 52 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 & Amendment Commission Regulation (EU) 2018/2005 (formerly known as Directive 2005/84/EC)	Pass#

<u>Test Item</u>		
Phthalates Content		See Test Conducted 7#

<u>Standard</u>		
Polycyclic Aromatic Hydrocarbons (PAHs) Content Requirement In Annex XVII Item 50 of the REACH Regulation (EC) NO. 1907/2006 & Amendment No. 552/2009 and 1272/2013 with effect from 27 December 2015		Pass

This test in the report is not included in the CNAS accreditation schedule for our laboratory.

Approved:



Parco Leung
Technical Supervisor

Approved:



Crystal Huang
Technical Support Assistant Manager



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Tests Conducted

1 Physical and Mechanical Tests

As per European Standard on Safety of toys EN71-1:2014+A1:2018

Clause	Testing Items	Assessment
4	General requirements	
4.1	Material	P
4.2	Assembly	NA
4.3	Flexible plastic sheeting	NA
4.4	Toy bags	NA
4.5	Glass	NA
4.6	Expanding materials	NA
4.7	Edges	P
4.8	Points and metallic wires	P
4.9	Protruding parts	NA
4.10	Parts moving against each other	NA
4.11	Mouth actuated toys and other toys intended to be put in the mouth	NA
4.12	Balloons	NA
4.13	Cords of toy kites and other flying toys	NA
4.14	Enclosures	NA
4.15	Toys intended to bear the mass of a child	NA
4.16	Heavy immobile toys	NA
4.17	Projectile toys	NA
4.18	Aquatic toys and inflatable toys	NA
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	NA
4.20	Acoustics	NA
4.21	Toys containing non-electrical heat source	NA
4.22	Small balls	NA
4.23	Magnets	NA
4.24	Yo-yo balls	NA
4.25	Toys attached to food	NA
4.26	Toy disguise costumes	NA
4.27	Flying toys	NA
5	Toys intended for children under 36 months	
5.1	General requirements	NA
5.2	Soft-filled toys and soft-filled parts of a toy	NA
5.3	Plastic sheeting	NA
5.4	Cords, chains and electrical cables in toys	NA
5.5	Liquid filled toys	NA
5.6	Speed limitation of electrically-driven ride-on toys	NA
5.7	Glass and porcelain	NA
5.8	Shape and size of certain toys	NA
5.9	Toys comprising monofilament fibres	NA
5.10	Small balls	NA
5.11	Play figures	NA
5.12	Hemispheric-shaped toys	NA
5.13	Suction cups	NA
5.14	Straps intended to be worn fully or partially around the neck	NA
5.15	Sledges with cords for pulling	NA



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Clause	Testing Items	Assessment
6	Packaging	NA
7	Warnings, markings and instructions for use	
7.1	General	P
7.2	Toys not intended for children under 36 months	P/#
7.3	Latex balloons	NA
7.4	Aquatic toys	NA
7.5	Functional toys	NA
7.6	Hazardous sharp functional edges and points	NA
7.7	Projectile toys	NA
7.8	Imitation protective masks and helmets	NA
7.9	Toy kites	NA
7.10	Roller skates, inlineskates and skateboards and certain other ride-on toys	NA
7.11	Toys intended to be attached to strung across a cradle, cot, or perambulator	NA
7.12	Liquid-filled teethingers	NA
7.13	Percussion caps specifically designed for use in toys	NA
7.14	Acoustics	NA
7.15	Toy bicycles	NA
7.16	Toys intended to bear the mass of a child	NA
7.17	Toys comprising monofilament fibres	NA
7.18	Toy scooters	NA
7.19	Rocking horses and similar toys	NA
7.20	Magnetic/electrical experimental sets	NA
7.21	Toys with electrical cables exceeding 300 mm in length	NA
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	NA
7.23	Toys intended to be attached to a cradle, cot or perambulator	NA
7.24	Sledges with cords for pulling	NA
7.25	Flying toys	NA
7.26	Improvised projectiles	NA

Remark: P = Pass NA = Not Applicable

= Age warning statement, graphical symbol and the indication of hazard was found on the packaging.



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Remark: Additional information according to the Toy Safety Directives 2009/48/EC requirement. These information also appears as a note within the EN71 but are not standard requirements:

1. Marking

The manufacturer's and importer's name, registered trade name or registered trade mark, the address and the CE-marking shall be indicated on the toy or, where that is not possible, on its packaging or in a document accompany the toy. In addition, manufacturers shall ensure that their toys bear a type, batch, serial or model number or other element allowing their identification, or where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.

- Manufacturer's name was on the packaging and toy.
- Manufacturer's address was on the packaging.
- Importer's name was on the packaging and toy.
- Importer's address was on the packaging.
- Product identification code was on the packaging.
- the CE-marking on the packaging was in a correct format.

Date sample received : Apr 19, 2019
Testing period : Apr 19, 2019 to Apr 28, 2019

2 Flammability Test

As per European Standard on Safety of Toys EN71-2:2011+A1:2014

Clause	Testing Items	Assessment
4.1	General	P
4.2	Toys to be worn on the head	NA
4.3	Toy disguise costumes and toys intended to be worn by a child in play	NA
4.4	Toys intended to be entered by a child	NA
4.5	Soft filled toys	NA

Remark: P = Pass NA = Not Applicable

Date sample received : Apr 19, 2019
Testing period : Apr 19, 2019 to Apr 28, 2019



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Tests Conducted

3 19 Toxic Element Migration Test

(A) Test Result

As per EN71-3:2013+A3:2018 and followed by Inductively Coupled Plasma Atomic Emission Spectrometry, Ion Chromatography with UV-VIS.

Category (III): Scraped-off toy material

Element	Result (mg/kg)				Reporting Limit (mg/kg)	Limit (mg/kg)
	Tested Component					
	(1)	(2)	(3)	(4)		
Aluminium (Al)	894	1394	2910	2826	300	70000
Antimony (Sb)	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) **	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) **	ND	ND	ND	ND	0.025	0.2/0.053◎
Cobalt (Co)	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	2.5	180000
Organic tin **	ND	ND	ND	ND	2.0	12
Zinc (Zn)	380	ND	9026	9194	100	46000



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Element	Result (mg/kg)				Reporting Limit (mg/kg)	Limit (mg/kg)
	Tested Component					
	(5)	(6)	(7)	(10)		
Aluminium (Al)	2757	1185	1010	3611	300	70000
Antimony (Sb)	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) **	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) **	ND	ND	ND	ND	0.025	0.2/0.053◎
Cobalt (Co)	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	2.5	180000
Organic tin **	ND	ND	ND	ND	2.0	12
Zinc (Zn)	9180	8436	7507	8629	100	46000

Element	Result (mg/kg)				Reporting Limit (mg/kg)	Limit (mg/kg)
	Tested Component					
	(12)	(14)	(16)	(18)		
Aluminium (Al)	2641	12335	4524	1163	300	70000
Antimony (Sb)	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) **	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) **	ND#	ND#	ND	ND	0.025	0.2/0.053◎
Cobalt (Co)	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	2.5	180000
Organic tin **	ND	ND	ND	ND	2.0	12
Zinc (Zn)	9400	9980	9332	7355	100	46000



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Element	Result (mg/kg)				Reporting Limit (mg/kg)	Limit (mg/kg)
	Tested Component					
	(20)	(22)	(24)	(26)		
Aluminium (Al)	1213	9603	2656	15002	300	70000
Antimony (Sb)	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) **	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) **	ND	ND [#]	ND	ND	0.025	0.2/0.053 [◎]
Cobalt (Co)	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	2.5	180000
Organic tin **	ND	ND	ND	ND	2.0	12
Zinc (Zn)	7957	8238	7588	8643	100	46000

Element	Result (mg/kg)				Reporting Limit (mg/kg)	Limit (mg/kg)
	Tested Component					
	(28)	(30)	(32)	(34)		
Aluminium (Al)	2479	1385	3246	6718	300	70000
Antimony (Sb)	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) **	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) **	ND	ND	ND	ND [#]	0.025	0.2/0.053 [◎]
Cobalt (Co)	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	2.5	180000
Organic tin **	ND	ND	ND	ND	2.0	12
Zinc (Zn)	9308	8287	9416	10194	100	46000



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Element	Result (mg/kg)			Reporting Limit (mg/kg)	Limit (mg/kg)
	Tested Component				
	(36)	(38)	(39)to(60)		
Aluminium (Al)	1579	2441	ND	300	70000
Antimony (Sb)	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	5	17
Chromium (III) (Cr III) **	ND	ND	ND	10	460
Chromium (VI) (Cr VI) **	ND	ND	ND	0.025	0.2/0.053©
Cobalt (Co)	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	2.5	180000
Organic tin **	ND	ND	ND	2.0	12
Zinc (Zn)	8705	9000	ND	100	46000

Remark : mg/kg = milligram per kilogram
 ++ = Unless the test results were marked with "#" or "Δ", Chromium (III) & Chromium (VI) and Organic tin contents were not directly determined and were derived from migration results of total chromium and tin respectively.
 - Organic tin test result was expressed as tributyl tin.
 ND = Not detected (less than reporting limit)
 © = The new chromium (VI) migration limit [(0.053mg/kg for Category (III))] were quoted from directive (EU) 2018/725 amending 2009/48/EC effective from 18 November 2019.
 # = Confirmation of Chromium (VI) test was performed on the tested component. And the reported value of migration of Chromium (III) = migration value of total Chromium – migration value of Chromium(VI).

Tested Component(s):

- (1) Coatings (silver color, bright silver color, orange, red, black, yellow) on plastic (body of #452) (sample weight: 60.2mg).
- (2) Coatings (silver color, bright silver color, orange, beige, black, red) on plastic (body of #456) (sample weight: 30.1mg).
- (3) Coatings (Khaki, black) on metal (body of #31974).
- (4) Coatings (red, silver color) on metal (body of #31935 red).
- (5) Coatings (turquoise, silver color) on metal (body of #31935 turquoise).
- (6) Coatings (bright red, silver color) on metal (body of #31952 red).



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Tested Component(s):

- (7) Coatings (beige, silver color, red, black) on metal (body of #31952 beige).
- (8) @Coatings (silver color, silver grey) on plastic (logo, engine of #31508 grey).
- (9) @Bright silver color coating on plastic (back of base of #31508, #32505, #32512, light of #31935, #31952).
- (10) Coatings (silver grey, silver color, white, red) on metal (body of #31508 grey).
- (11) @Coatings (silver color, dark blue) on plastic (logo, engine of #31508).
- (12) Coatings (dark blue, silver color, white, red) on metal (body of #31508 blue).
- (13) @Coatings (silver color, red) on plastic (logo, engine of #32505).
- (14) Coatings (silver grey, silver color, white, red) on metal (body of #32505).
- (15) @Black coating on plastic (window of all styles).
- (16) Coatings (blue, silver color, white, red, orange, black) on metal (body of #31512).
- (17) @Coatings (bright silver color, white, red, black) on plastic (body of #32516).
- (18) Coatings (black, gold color, white, orange, red, silver color) on metal (body of #32516).
- (19) @Coatings (bright silver color, silver color) on plastic (body of #31943).
- (20) Coatings (green, black) on metal (body of #31943).
- (21) @Coatings (bright silver color, red, blue) on plastic (body of #31516 grey).
- (22) Coatings (silver grey, blue, red, orange, white) on metal (body of #31516 grey).
- (23) @Coatings (bright silver color, silver color, red, white) on plastic (body of #31516 blue).
- (24) @Coatings (blue, white, red, orange, black) on metal (body of #31516 blue).
- (25) @Coatings (bright silver color, silver color, red) on plastic (body of #32510).
- (26) Coatings (silver color, black, red, black, orange, white) on metal (body of #32510).
- (27) @Coatings (silver color, white, red, grey) on plastic (body of #32512).
- (28) Coatings (black, red, orange, white, silver color) on metal (body of #32512).
- (29) @Coatings (yellow, black, silver color, orange) on plastic (body of #31509).
- (30) Coatings (yellow, black, white) on metal (body of #31509).
- (31) @Coatings (silver color, bright silver color, pink, black) on plastic (body of #31996).
- (32) Coatings (black, red, blue, white) on metal (body of #31996).
- (33) @Coatings (bright silver color, white, red, black) on plastic (body of #32507).
- (34) Coatings (black, silver color, red, orange, white) on metal (body of #32507).
- (35) @Coatings (black, white, yellow, red) on plastic (body of #31987).
- (36) Coatings (black, white, yellow, gold color) on metal (body of #31987).
- (37) @Coatings (red, bright silver color, blue) on plastic (body of #32517).
- (38) Coatings (black, red, white, silver color) on metal (body of #32517).
- (39) Black plastic (back of all styles, seat of all styles, body of all styles, rim of all styles).
- (40) Transparent plastic (window of all styles, light of #31987, #31508, #32505, #31512, #32516).
- (41) Off-white plastic excluding coating (car mirror of #32517, #31952, #31935, rim of #32512).
- (42) Dark grey plastic (base of #31952).
- (43) Khaki plastic (deck of #31952 red, #31935 red).
- (44) Turquoise plastic (deck of #31935 turquoise).
- (45) White plastic (deck of #31987).
- (46) Semi-transparent red plastic (light of #31987, #31508, #32505, #31512, #32516).
- (47) Dull red plastic (seat of #32510).
- (48) Red plastic (car mirror of #32505, rim of #32505).
- (49) Grey plastic (car mirror of #31516 grey).



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Tested Component(s):

- (50) Blue plastic (car mirror of #31516 blue).
- (51) Beige plastic excluding coating (car mirror of #31509).
- (52) Bright white plastic (seat of #32507).
- (53) Orange plastic (rim of #32507, frame of #456).
- (54) Light red plastic (rim of #31952).
- (55) Brown plastic (body of #31974).
- (56) Transparent adhesive plastic sheet with inaccessible coating (car mirror of #31974, #31508, #31512, #32505, #31516) (sample weight: 20.1mg).
- (57) Black 90 °PVC plastic (seat, bag of car of #452 and #456).
- (58) Black 70 °PVC plastic (wheel of #31508, #31509, #31512, #31516, #32510, #32516).
- (59) Black 60 °PVC plastic (wheel of #31935, #31943, #31952, #31974, #31987, #31996, #32505, #32507, #32512, #32517, #452, #456).
- (60) White paper with transparent plastic film and inaccessible coatings (sticker of all styles) (sample weight: 14.5mg).

@: Since the sample weight of the component was less than 10 mg, soluble heavy metal analysis was not applicable.

(B) Categories of various toy materials

Category I: Dry, brittle, powder like or pliable

Solid toy material from which powder-like material is released during playing and semi-solid materials that may also leave residues on the hands during play. The material can be ingested. Contamination of the hands with the material may contribute to the oral exposure of the material. (e.g. the cores of colouring pencils, chalk, crayons, modelling clays and plaster).

Category II: Liquid or sticky

Fluid or viscous toy material, which can be ingested or to which dermal exposure may occur during playing. (e.g. liquid paints, finger paints, liquid ink in pens, glue sticks, slimes, bubble solution).

Category III: Scraped-off

Solid toy material with or without a coating, which can be ingested as a result of biting, tooth scraping, sucking or licking. (e.g. coatings, lacquers, plastics, paper, textiles, glass, ceramic, metallic, wooden, bone, leather and other materials).

Date sample received: Apr 19, 2019

Testing period: Apr 19, 2019 to Apr 28, 2019



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Tests Conducted

4 Cadmium (Cd) Content

With reference to test method IEC 62321-5:2013, acid digestion method was used and total Cadmium content was determined by Inductively Coupled Argon Plasma Spectrometry.

Element	Result (%)	Reporting Limit (%)
	Tested Component	
	(1)to(7), (8/9/10), (11/12), (13/14), (15/16), (17/18), (19/20), (21/22), (23/24), (25/26), (27/28), (29/30), (31/32), (33/34), (35/36), (37/38), (39+40+41), (42+43+44), (45+46+47), (48+49+50), (51+52+53), (54+55+56), (57+58+59), (60)	
Cadmium (Cd)	ND	0.0005

Limit:

Category	Limit (%)
Wet paint	0.01
Surface coating	0.1
Plastic	0.01
Metal parts of jewelry & hair accessories	0.01

ND = Not detected (less than reporting limit)

Tested Component(s):

- (1) Coatings (silver color, bright silver color, orange, red, black, yellow) on plastic (body of #452).
- (2) Coatings (silver color, bright silver color, orange, beige, black, red) on plastic (body of #456).
- (3) Coatings (Khaki, black) on metal (body of #31974).
- (4) Coatings (red, silver color) on metal (body of #31935 red).
- (5) Coatings (turquoise, silver color) on metal (body of #31935 turquoise).
- (6) Coatings (bright red, silver color) on metal (body of #31952 red).
- (7) Coatings (beige, silver color, red, black) on metal (body of #31952 beige).
- (8) Coatings (silver color, silver grey) on plastic (logo, engine of #31508 grey).
- (9) Bright silver color coating on plastic (back of base of #31508, #32505, #32512, light of #31935, #31952).
- (10) Coatings (silver grey, silver color, white, red) on metal (body of #31508 grey).
- (11) Coatings (silver color, dark blue) on plastic (logo, engine of #31508).
- (12) Coatings (dark blue, silver color, white, red) on metal (body of #31508 blue).
- (13) Coatings (silver color, red) on plastic (logo, engine of #32505).
- (14) Coatings (silver grey, silver color, white, red) on metal (body of #32505).
- (15) Black coating on plastic (window of all styles).
- (16) Coatings (blue, silver color, white, red, orange, black) on metal (body of #31512).
- (17) Coatings (bright silver color, white, red, black) on plastic (body of #32516).
- (18) Coatings (black, gold color, white, orange, red, silver color) on metal (body of #32516).



Test Report

Number: GZHH00320292

Tests Conducted

Tested Component(s):

- (19) Coatings (bright silver color, silver color) on plastic (body of #31943).
- (20) Coatings (green, black) on metal (body of #31943).
- (21) Coatings (bright silver color, red, blue) on plastic (body of #31516 grey).
- (22) Coatings (silver grey, blue, red, orange, white) on metal (body of #31516 grey).
- (23) Coatings (bright silver color, silver color, red, white) on plastic (body of #31516 blue).
- (24) Coatings (blue, white, red, orange, black) on metal (body of #31516 blue).
- (25) Coatings (bright silver color, silver color, red) on plastic (body of #32510).
- (26) Coatings (silver color, black, red, black, orange, white) on metal (body of #32510).
- (27) Coatings (silver color, white, red, grey) on plastic (body of #32512).
- (28) Coatings (black, red, orange, white, silver color) on metal (body of #32512).
- (29) Coatings (yellow, black, silver color, orange) on plastic (body of #31509).
- (30) Coatings (yellow, black, white) on metal (body of #31509).
- (31) Coatings (silver color, bright silver color, pink, black) on plastic (body of #31996).
- (32) Coatings (black, red, blue, white) on metal (body of #31996).
- (33) Coatings (bright silver color, white, red, black) on plastic (body of #32507).
- (34) Coatings (black, silver color, red, orange, white) on metal (body of #32507).
- (35) Coatings (black, white, yellow, red) on plastic (body of #31987).
- (36) Coatings (black, white, yellow, gold color) on metal (body of #31987).
- (37) Coatings (red, bright silver color, blue) on plastic (body of #32517).
- (38) Coatings (black, red, white, silver color) on metal (body of #32517).
- (39) Black plastic (back of all styles, seat of all styles, body of all styles, rim of all styles).
- (40) Transparent plastic (window of all styles, light of #31987, #31508, #32505, #31512, #32516).
- (41) Off-white plastic excluding coating (car mirror of #32517, #31952, #31935, rim of #32512).
- (42) Dark grey plastic (base of #31952).
- (43) Khaki plastic (deck of #31952 red, #31935 red).
- (44) Turquoise plastic (deck of #31935 turquoise).
- (45) White plastic (deck of #31987).
- (46) Semi-transparent red plastic (light of #31987, #31508, #32505, #31512, #32516).
- (47) Dull red plastic (seat of #32510).
- (48) Red plastic (car mirror of #32505, rim of #325050).
- (49) Grey plastic (car mirror of #31516 grey).
- (50) Blue plastic (car mirror of #31516 blue).
- (51) Beige plastic excluding coating (car mirror of #31509).
- (52) Bright white plastic (seat of #32507).
- (53) Orange plastic (rim of #32507, frame of #456).
- (54) Light red plastic (rim of #31952).
- (55) Brown plastic (body of #31974).
- (56) Transparent adhesive plastic sheet with inaccessible coating (car mirror of #31974, #31508, #31512, #32505, #31516).
- (57) Black 90 °PVC plastic (seat, bag of car of #452 and #456).
- (58) Black 70 °PVC plastic (wheel of #31508, #31509, #31512, #31516, #32510, #32516).
- (59) Black 60 °PVC plastic (wheel of #31935, #31943, #31952, #31974, #31987, #31996, #32505, #32507, #32512, #32517, #452, #456).
- (60) White paper with transparent plastic film and inaccessible coatings (sticker of all styles).



Test Report

Number: GZHH00320292

Tests Conducted

The Cadmium content test of the tested components (8)to(38) were conducted in composite for the materials which sample size is not sufficient to carry out the test individually.

Date sample received: Apr 19, 2019
Testing period: Apr 19, 2019 to Apr 28, 2019

5 Phthalate Content

With reference to EN 14372:2004, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

For 6 phthalate

Test Item	CAS No.	Result (%)	Reporting Limit (%)	Limit (%)
		Tested component (1)to(23), (24+25+26), (27+28+29), (30+31+32), (33+34+35), (36+37+38), (39+40+41), (42+43+44)		
Dibutyl phthalate (DBP)	84-74-2	ND	0.01	--
Di-(2-ethyl hexyl) phthalate (DEHP)	117-81-7	ND	0.01	--
Benzyl butyl phthalate (BBP)	85-68-7	ND	0.01	---
Sum of DBP,DEHP and BBP	--	ND	--	0.1
Di-iso-nonyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	0.01	--
Di-n-octyl phthalate(DNOP)	117-84-0	ND	0.01	--
Di-iso-decyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	0.01	--
Sum of DINP, DNOP and DIDP	--	ND	--	0.1

The above limit was quoted according to Annex XVII Items 51 & 52 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009(formerly known as Directive 2005/84/EC) for phthalate content in toys and child care articles.

ND = Not detected (less than reporting limit)



Test Report

Number: GZHH00320292

Tests Conducted

Tested Component(s):

- (1) Coatings (silver color, bright silver color, orange, red, black, yellow) on plastic (body of #452).
- (2) Coatings (silver color, bright silver color, orange, beige, black, red) on plastic (body of #456).
- (3) Coatings (Khaki, black) on metal (body of #31974).
- (4) Coatings (red, silver color) on metal (body of #31935 red).
- (5) Coatings (turquoise, silver color) on metal (body of #31935 turquoise).
- (6) Coatings (bright red, silver color) on metal (body of #31952 red).
- (7) Coatings (beige, silver color, red, black) on metal (body of #31952 beige).
- (8) Coatings (silver grey, silver color, bright silver color, white, red) on metal/plastic (body of #31508 grey).
- (9) Coatings (dark blue, silver color, bright silver color, white, red) on metal/plastic (body of #31508 blue).
- (10) Coatings (dark blue, silver color, bright silver color, white, red) on metal/plastic (body of #32505).
- (11) Coatings (blue, silver color, white, red, orange, black) on plastic/metal (body of #31512).
- (12) Coatings (black, gold color, white, orange, red, silver color) on metal/plastic (body of #32516).
- (13) Coatings (green, black, silver color, bright silver color) on metal/plastic (body of #31943).
- (14) Coatings (silver grey, blue, red, orange, white, bright silver color) on metal/plastic (body of #31516 grey).
- (15) Coatings (blue, white, red, orange, black, bright silver color, silver color) on metal/plastic (body of #31516 blue).
- (16) Coatings (bright silver color, red, black, orange, white, silver color) on metal/plastic (body of #32510).
- (17) Coatings (black, red, orange, white, silver color, grey) on metal/plastic (body of #32512).
- (18) Coatings (yellow, black, silver color, orange, white) on metal/plastic (body of #31509).
- (19) Coatings (black, red, blue, white, silver color, bright silver color, pink) on metal/plastic (body of #31996).
- (20) Coatings (black, silver color, red, orange, white, bright silver color) on metal/plastic (body of #32507).
- (21) Coatings (black, white, yellow, gold color, red) on metal/plastic (body of #31987).
- (22) Coatings (black, red, white, silver color, blue, bright silver color) on metal/plastic (body of #32517).
- (23) White paper with transparent plastic film and inaccessible coatings (sticker of all styles).
- (24) Black plastic (back of all styles, seat of all styles, body of all styles, rim of all styles).
- (25) Transparent plastic (window of all styles, light of #31987, #31508, #32505, #31512, #32516).
- (26) Off-white plastic excluding coating (car mirror of #32517, #31952, #31935, rim of #32512).
- (27) Dark grey plastic (base of #31952).
- (28) Khaki plastic (deck of #31952 red, #31935 red).
- (29) Turquoise plastic (deck of #31935 turquoise).
- (30) White plastic (deck of #31987).
- (31) Semi-transparent red plastic (light of #31987, #31508, #32505, #31512, #32516).
- (32) Dull red plastic (seat of #32510).
- (33) Red plastic (car mirror of #32505, rim of #32505).
- (34) Grey plastic (car mirror of #31516 grey).
- (35) Blue plastic (car mirror of #31516 blue).
- (36) Beige plastic excluding coating (car mirror of #31509).
- (37) Bright white plastic (seat of #32507).



Test Report

Number: GZHH00320292

Tests Conducted

Tested Component(s):

- (38) Orange plastic (rim of #32507, frame of #456).
- (39) Light red plastic (rim of #31952).
- (40) Brown plastic (body of #31974).
- (41) Transparent adhesive plastic sheet with inaccessible coating (car mirror of #31974, #31508, #31512, #32505, #31516).
- (42) Black 90 °PVC plastic (seat, bag of car of #452 and #456).
- (43) Black 70 °PVC plastic (wheel of #31508, #31509, #31512, #31516, #32510, #32516).
- (44) Black 60 °PVC plastic (wheel of #31935, #31943, #31952, #31974, #31987, #31996, #32505, #32507, #32512, #32517, #452, #456).

Date sample received: Apr 19, 2019
Testing period: Apr 19, 2019 to Apr 25, 2019

6 Phthalate Content

With reference to International Standard ISO 8124-6:2018, and followed by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

For 7 phthalate

Test Item	CAS No.	Result (%)	Reporting Limit (%)	Limit (%)
		Tested component (1)to(23), (24+25+26), (27+28+29), (30+31+32), (33+34+35), (36+37+38), (39+40+41), (42+43+44)		
Dibutyl phthalate (DBP)	84-74-2	ND	0.005	--
Di-(2-ethyl hexyl) phthalate (DEHP)	117-81-7	ND	0.005	--
Benzyl butyl phthalate (BBP)	85-68-7	ND	0.005	---
Diisobutyl phthalate (DIBP)	84-69-5	ND	0.005	
Sum of DBP, DEHP, BBP and DIBP	--	ND	--	0.1
Di-iso-nonyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	0.005	--
Di-n-octyl phthalate(DNOP)	117-84-0	ND	0.005	--
Di-iso-decyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	0.005	--
Sum of DINP, DNOP and DIDP	--	ND	--	0.1

The above limit was quoted according to Annex XVII Items 51 & 52 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 & Amendment Commission Regulation (EU) 2018/2005 for phthalate content in articles (formerly known as Directive 2005/84/EC).



Test Report

Number: GZHH00320292

Tests Conducted

For toys and childcare articles, DIBP limit was quoted from Commission Regulation (EU) 2018/2005 effective from 7 July 2020.

ND = Not detected (less than reporting limit)

Tested Component(s):

- (1) Coatings (silver color, bright silver color, orange, red, black, yellow) on plastic (body of #452).
- (2) Coatings (silver color, bright silver color, orange, beige, black, red) on plastic (body of #456).
- (3) Coatings (Khaki, black) on metal (body of #31974).
- (4) Coatings (red, silver color) on metal (body of #31935 red).
- (5) Coatings (turquoise, silver color) on metal (body of #31935 turquoise).
- (6) Coatings (bright red, silver color) on metal (body of #31952 red).
- (7) Coatings (beige, silver color, red, black) on metal (body of #31952 beige).
- (8) Coatings (silver grey, silver color, bright silver color, white, red) on metal/plastic (body of #31508 grey).
- (9) Coatings (dark blue, silver color, bright silver color, white, red) on metal/plastic (body of #31508 blue).
- (10) Coatings (dark blue, silver color, bright silver color, white, red) on metal/plastic (body of #32505).
- (11) Coatings (blue, silver color, white, red, orange, black) on plastic/metal (body of #31512).
- (12) Coatings (black, gold color, white, orange, red, silver color) on metal/plastic (body of #32516).
- (13) Coatings (green, black, silver color, bright silver color) on metal/plastic (body of #31943).
- (14) Coatings (silver grey, blue, red, orange, white, bright silver color) on metal/plastic (body of #31516 grey).
- (15) Coatings (blue, white, red, orange, black, bright silver color, silver color) on metal/plastic (body of #31516 blue).
- (16) Coatings (bright silver color, red, black, orange, white, silver color) on metal/plastic (body of #32510).
- (17) Coatings (black, red, orange, white, silver color, grey) on metal/plastic (body of #32512).
- (18) Coatings (yellow, black, silver color, orange, white) on metal/plastic (body of #31509).
- (19) Coatings (black, red, blue, white, silver color, bright silver color, pink) on metal/plastic (body of #31996).
- (20) Coatings (black, silver color, red, orange, white, bright silver color) on metal/plastic (body of #32507).
- (21) Coatings (black, white, yellow, gold color, red) on metal/plastic (body of #31987).
- (22) Coatings (black, red, white, silver color, blue, bright silver color) on metal/plastic (body of #32517).
- (23) White paper with transparent plastic film and inaccessible coatings (sticker of all styles).
- (24) Black plastic (back of all styles, seat of all styles, body of all styles, rim of all styles).
- (25) Transparent plastic (window of all styles, light of #31987, #31508, #32505, #31512, #32516).
- (26) Off-white plastic excluding coating (car mirror of #32517, #31952, #31935, rim of #32512).
- (27) Dark grey plastic (base of #31952).
- (28) Khaki plastic (deck of #31952 red, #31935 red).
- (29) Turquoise plastic (deck of #31935 turquoise).
- (30) White plastic (deck of #31987).
- (31) Semi-transparent red plastic (light of #31987, #31508, #32505, #31512, #32516).
- (32) Dull red plastic (seat of #32510).



Test Report

Number: GZHH00320292

Tests Conducted

Tested Component(s):

- (33) Red plastic (car mirror of #32505, rim of #325050).
- (34) Grey plastic (car mirror of #31516 grey).
- (35) Blue plastic (car mirror of #31516 blue).
- (36) Beige plastic excluding coating (car mirror of #31509).
- (37) Bright white plastic (seat of #32507).
- (38) Orange plastic (rim of #32507, frame of #456).
- (39) Light red plastic (rim of #31952).
- (40) Brown plastic (body of #31974).
- (41) Transparent adhesive plastic sheet with inaccessible coating (car mirror of #31974, #31508, #31512, #32505, #31516).
- (42) Black 90 °PVC plastic (seat, bag of car of #452 and #456).
- (43) Black 70 °PVC plastic (wheel of #31508, #31509, #31512, #31516, #32510, #32516).
- (44) Black 60 °PVC plastic (wheel of #31935, #31943, #31952, #31974, #31987, #31996, #32505, #32507, #32512, #32517, #452, #456).

Date sample received: Apr 19, 2019
Testing period: Apr 19, 2019 to Apr 25, 2019

7 Phthalates Content

By solvent extraction and followed by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Test item	Result (%)	Reporting limit (%)
	Tested component	
	(1)to(23), (24+25+26), (27+28+29), (30+31+32), (33+34+35), (36+37+38), (39+40+41), (42+43+44)	
Di-n-hexyl phthalate (DnHP)	ND	0.01
Di-iso-butyl phthalate (DIBP)	ND	0.01
Di-cyclohexyl phthalate (DCHP)	ND	0.01
Di-n-pentyl phthalate (DPENP)	ND	0.01

ND = Not Detected



Test Report

Number: GZHH00320292

Tests Conducted

Tested Component(s):

- (1) Coatings (silver color, bright silver color, orange, red, black, yellow) on plastic (body of #452).
- (2) Coatings (silver color, bright silver color, orange, beige, black, red) on plastic (body of #456).
- (3) Coatings (Khaki, black) on metal (body of #31974).
- (4) Coatings (red, silver color) on metal (body of #31935 red).
- (5) Coatings (turquoise, silver color) on metal (body of #31935 turquoise).
- (6) Coatings (bright red, silver color) on metal (body of #31952 red).
- (7) Coatings (beige, silver color, red, black) on metal (body of #31952 beige).
- (8) Coatings (silver grey, silver color, bright silver color, white, red) on metal/plastic (body of #31508 grey).
- (9) Coatings (dark blue, silver color, bright silver color, white, red) on metal/plastic (body of #31508 blue).
- (10) Coatings (dark blue, silver color, bright silver color, white, red) on metal/plastic (body of #32505).
- (11) Coatings (blue, silver color, white, red, orange, black) on plastic/metal (body of #31512).
- (12) Coatings (black, gold color, white, orange, red, silver color) on metal/plastic (body of #32516).
- (13) Coatings (green, black, silver color, bright silver color) on metal/plastic (body of #31943).
- (14) Coatings (silver grey, blue, red, orange, white, bright silver color) on metal/plastic (body of #31516 grey).
- (15) Coatings (blue, white, red, orange, black, bright silver color, silver color) on metal/plastic (body of #31516 blue).
- (16) Coatings (bright silver color, red, black, orange, white, silver color) on metal/plastic (body of #32510).
- (17) Coatings (black, red, orange, white, silver color, grey) on metal/plastic (body of #32512).
- (18) Coatings (yellow, black, silver color, orange, white) on metal/plastic (body of #31509).
- (19) Coatings (black, red, blue, white, silver color, bright silver color, pink) on metal/plastic (body of #31996).
- (20) Coatings (black, silver color, red, orange, white, bright silver color) on metal/plastic (body of #32507).
- (21) Coatings (black, white, yellow, gold color, red) on metal/plastic (body of #31987).
- (22) Coatings (black, red, white, silver color, blue, bright silver color) on metal/plastic (body of #32517).
- (23) White paper with transparent plastic film and inaccessible coatings (sticker of all styles).
- (24) Black plastic (back of all styles, seat of all styles, body of all styles, rim of all styles).
- (25) Transparent plastic (window of all styles, light of #31987, #31508, #32505, #31512, #32516).
- (26) Off-white plastic excluding coating (car mirror of #32517, #31952, #31935, rim of #32512).
- (27) Dark grey plastic (base of #31952).
- (28) Khaki plastic (deck of #31952 red, #31935 red).
- (29) Turquoise plastic (deck of #31935 turquoise).
- (30) White plastic (deck of #31987).
- (31) Semi-transparent red plastic (light of #31987, #31508, #32505, #31512, #32516).
- (32) Dull red plastic (seat of #32510).



Test Report

Number: GZHH00320292

Tests Conducted

Tested Component(s):

- (33) Red plastic (car mirror of #32505, rim of #325050).
- (34) Grey plastic (car mirror of #31516 grey).
- (35) Blue plastic (car mirror of #31516 blue).
- (36) Beige plastic excluding coating (car mirror of #31509).
- (37) Bright white plastic (seat of #32507).
- (38) Orange plastic (rim of #32507, frame of #456).
- (39) Light red plastic (rim of #31952).
- (40) Brown plastic (body of #31974).
- (41) Transparent adhesive plastic sheet with inaccessible coating (car mirror of #31974, #31508, #31512, #32505, #31516).
- (42) Black 90 °PVC plastic (seat, bag of car of #452 and #456).
- (43) Black 70 °PVC plastic (wheel of #31508, #31509, #31512, #31516, #32510, #32516).
- (44) Black 60 °PVC plastic (wheel of #31935, #31943, #31952, #31974, #31987, #31996, #32505, #32507, #32512, #32517, #452, #456).

Date sample received : Apr 19, 2019
Testing period : Apr 19, 2019 to Apr 25, 2019

8 Polycyclic Aromatic Hydrocarbons (PAHs) Content

With reference to AfPS GS 2014:01 PAK (PAH), PAHs content was determined by Gas Chromatography-Mass Spectrometry (GC-MS).

Test item	Result (mg/kg)	Reporting limit (mg/kg)	Limit (mg/kg)
	Tested component (1)to(22), (23+24), (25+26), (27+28), (29+30), (31+32), (33+34), (35+36), (37+38), (39), (40), (41+42+43), (44+45+46), (47+48+49), (50+51+52), (53+54), (55+56)		
Benzo[a]anthracene	ND	0.1	0.5
Chrysene	ND	0.1	0.5
Benzo[b]fluoranthene	ND	0.1	0.5
Benzo[k]fluoranthene	ND	0.1	0.5
Benzo[a]pyrene	ND	0.1	0.5
Dibenzo[a,h]anthracene	ND	0.1	0.5
Benzo[j]fluoranthene	ND	0.1	0.5
Benzo[e]pyrene	ND	0.1	0.5

ND= Not detected (less than reporting limit)



Test Report

Number: GZHH00320292

Tests Conducted

Tested Component(s):

- (1) Coatings (silver color, bright silver color, orange, red, black, yellow) on plastic (body of #452).
- (2) Coatings (silver color, bright silver color, orange, beige, black, red) on plastic (body of #456).
- (3) Coatings (Khaki, black) on metal (body of #31974).
- (4) Coatings (red, silver color) on metal (body of #31935 red).
- (5) Coatings (turquoise, silver color) on metal (body of #31935 turquoise).
- (6) Coatings (bright red, silver color) on metal (body of #31952 red).
- (7) Coatings (beige, silver color, red, black) on metal (body of #31952 beige).
- (8) Coatings (silver grey, silver color, white, red) on metal (body of #31508 grey).
- (9) Coatings (dark blue, silver color, white, red) on metal (body of #31508 blue).
- (10) Coatings (silver grey, silver color, white, red) on metal (body of #32505).
- (11) Coatings (blue, silver color, white, red, orange, black) on metal (body of #31512).
- (12) Coatings (black, gold color, white, orange, red, silver color) on metal (body of #32516).
- (13) Coatings (green, black) on metal (body of #31943).
- (14) Coatings (silver grey, blue, red, orange, white) on metal (body of #31516 grey).
- (15) Coatings (blue, white, red, orange, black) on metal (body of #31516 blue).
- (16) Coatings (silver color, black, red, black, orange, white) on metal (body of #32510).
- (17) Coatings (black, red, orange, white, silver color) on metal (body of #32512).
- (18) Coatings (yellow, black, white) on metal (body of #31509).
- (19) Coatings (black, red, blue, white) on metal (body of #31996).
- (20) Coatings (black, silver color, red, orange, white) on metal (body of #32507).
- (21) Coatings (black, white, yellow, gold color) on metal (body of #31987).
- (22) Coatings (black, red, white, silver color) on metal (body of #32517).
- (23) Dark grey plastic (base of #31952).
- (24) Khaki plastic (deck of #31952 red, #31935 red).
- (25) Turquoise plastic (deck of #31935 turquoise).
- (26) White plastic (deck of #31987).
- (27) Semi-transparent red plastic (light of #31987, #31508, #32505, #31512, #32516).
- (28) Dull red plastic (seat of #32510).
- (29) Red plastic (car mirror of #32505, rim of #325050).
- (30) Grey plastic (car mirror of #31516 grey).
- (31) Blue plastic (car mirror of #31516 blue).
- (32) Bright white plastic (seat of #32507).
- (33) Orange plastic (rim of #32507, frame of #456).
- (34) Light red plastic (rim of #31952).
- (35) Brown plastic (body of #31974).
- (36) Transparent adhesive plastic sheet with inaccessible coating (car mirror of #31974, #31508, #31512, #32505, #31516).
- (37) Black 90 °PVC plastic (seat, bag of car of #452 and #456).
- (38) Black 70 °PVC plastic (wheel of #31508, #31509, #31512, #31516, #32510, #32516).
- (39) Black 60 °PVC plastic (wheel of #31935, #31943, #31952, #31974, #31987, #31996, #32505, #32507, #32512, #32517, #452, #456).



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Tested Component(s):

- (40) White paper with transparent plastic film and inaccessible coatings (sticker of all styles).
- (41) Black plastic with coatings (silver color, silver grey) (logo, engine of #31508 grey).
- (42) Black plastic with bright silver color coating (back of base of #31508, #32505, #32512, light of #31935, #31952).
- (43) Black plastic with coatings (silver color, dark blue) (logo, engine of #31508).
- (44) Black plastic with coatings (silver color, red) (logo, engine of #32505).
- (45) Transparent with black coating (window of all styles).
- (46) Black plastic with coatings (bright silver color, white, red, black) (body of #32516).
- (47) Black plastic with coatings (bright silver color, silver color) (body of #31943).
- (48) Black plastic with coatings (bright silver color, red, blue) (body of #31516 grey).
- (49) Black plastic with coatings (bright silver color, silver color, red, white) (body of #31516 blue).
- (50) Black plastic with coatings (bright silver color, silver color, red) (body of #32510).
- (51) Black plastic with coatings (silver color, white, red, grey) (body of #32512).
- (52) Beige plastic with coatings (yellow, black, silver color, orange) (body of #31509).
- (53) Black plastic with coatings (silver color, bright silver color, pink, black) (body of #31996).
- (54) Black plastic with coatings (bright silver color, white, red, black) (body of #32507).
- (55) Black plastic with coatings (black, white, yellow, red) (body of #31987).
- (56) Off-white plastic with coatings (red, bright silver color, blue) (body of #32517).

Date sample received: Apr 19, 2019

Testing period: Apr 19, 2019 to Apr 28, 2019



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Tests Conducted

Appendix

Applicant's Ref.	:	31021	1:24 Allstars, Assorted
		31027	1:27 Hummer, Assorted
		31029	1:24 Custom Shop, Assorted
		31084	1:24 Special Edition (#31900) with white mailer box
		31088	1:24 Pro-Rodz, Assorted
		31089	1:24 Pro-Rodz ~ 1968 Chevrolet Camaro SS 396 Convertible
		31302	1:24 Special Edition in Creative graphic window box
		31900	1:24 - 1:27 Special Edition, Assorted
		31900A	1:24 ~ 1:27 SCALE METAL KRUZERZ, ASSORTED
		31900B	1:24 ~ 1:27 SCALE METAL KRUZERZ, ASSORTED
		32019	1:24 Custom Shop + 1:24 ProdRodz ProStreet, Assorted
		32065	Marvel Iron Man 2 1:24 Die-cast Vehicle Asst.
		32089	1:24 Dirt Riders ~ Assorted
		32990	1:24 AllStars Elite Transport
		34009	1:24 - 1:27 Scale Vehicles in Floor Display
		32301	1:24 Hippie Line ~ Volkswagen Van "Samba"
		34019	14pcs 1:24 Custom Shop in Floor Display
		34032	1:24 Dirt Riders 4pcs bulk in display box
		34040	Mixed item floor display
		34041	7 pcs 1:24 HD Ford Mustang + 7 pcs 1:24 Pickup in Floor Display
		34049	1:24 Harley Davidson Ford, Asst. 20 pcs in floor display
		34088	1:24 Pro-Rodz, Assorted ~ 4 pcs tray pack
		34089	1:24 Custom Shop 4pk bulk in display box
		34900	1:24 Scale 4 pk Vehicles in Open Tray Display
		32900	1:24 SE + 1:12 Moto Assorted
		62011	1:24 SE + 1:12 Moto Assorted
		32451	1:24 Design Classic Muscle, Assorted
		32452	1:24 Design Modern Muscle, Assorted
		32453	1:24 Design Exotic, Assorted
		32454	1:24 Design Outlaws, Assorted
		32455	1:24 Design Authority, Assorted
		32456	1:24 Maisto Design Tokyo Mod , Assorted
		32457	1:24 Design Classics , Assorted
		32520	1:24 Maisto Design Off-Road Kings, Assorted
		32160	1:24 H-D Ford Mustang
		32161	1:24 H-D Ford Pick-up w/ 1:24 H-D motorcycle



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Appendix

Applicant's Ref.	:	32162	1:24 H-D Ford Mustang & 1:24 H-D Ford Pick-up w/1:24 H-D motorcycle Asst
		32171	1:25 H-D 1948 Ford F-1 Pick-up w/ 1:24 H-D 1948 FL PANHEAD motorcycle
		32172	1:27 H-D 1999 Ford F-350 Pick-up w/ 1:24 H-D 1936 EL KNUCKLEHEAD motorcycle
		32182	1:27 H-D 2010 Ford F-150 STX w/ 1:24 H-D 2007 XL 1200N Nightster motorcycle
		32185	1:25 H-D 1948 Ford F-1 Pickup w/ 1:24 H-D 1942 WLA Flathead motorcycle
		32188	1:24 H-D 2015 Ford Mustang GT
		32193	1:24 H-D 1970 Chevrolet Corvette
		32194	1:25 H-D 1950 Chevrolet 3100 Pickup w/ 1:24 H-D 2001 FLSTS Heritage Springer motorcycle
		34160	1:24 Harley Davidson Ford Mustang bulk pack in tray
		34161	1:24 HD Ford Pick-up w/o motorcycle 4 pk in open tray



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Tests Conducted



End of report

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